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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/696,048	
Filing Date	OCTOBER 29, 2003	
First Named Inventor	VLADIMIR GRUSHIN	
Group Art Unit	2813	
Examiner Name	UNKNOWN	
Attorney Docket Number	PE0649USDIV6	

Sheet	Γ	1	of	2 Attor	ney Docket Number PE064903D140	
	==			U.S. PATI	ENT DOCUMENTS	
Examiner Initials *	Cite		cument Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			6,303,238 B1	10-16-2001	Thompson et al.	
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er.	WO 02/02714 A2		01-10-2002	DuPont Princeton Univ, Univ of So	· · · · · · · · · · · · · · · · · · ·	
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language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by This collection of information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form addors suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, including a submitting the complete depolication for reducing this burden, should be sent to the Chief Information Officer, including gathering, preparing and submitting the complete depolication form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing and submitting the complete depolication form to the USPTO. Time will vary depending upon the individual case. Any including gathering the complete depolication form to the USPTO. Time will vary depending upon the individual case. Any including gathering the complete depolication for the USPTO. Time will vary depending upon the individual case. Any including gathering the complete depolication for the USPTO. Time will vary depending upon the individual case. Any including gathering the complete depolication form to the USPTO. Time will vary depending upon

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INFOR	MATION	DIS	CLOSURE	Filing Date	October 29, 2003	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet of 2

	Complete if Known
Application Number.	10/027,421
Filing Date	DECEMBER 20, 2001
First Named Inventor	VLADIMIR GRUSHIN ET AL.
Group Art Unit	2815
Examiner Name	UNKNOWN
Attorney Docket Number	PE0649 US CIP

				U.S. PATI	ENT DOCUMENTS		
Examiner Initials *	Cite No.1		Document Number Publication ber - Kind Code ² (if known) MM-DD-Y		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pessages or Relevant Figures Appear	
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	1	CountryCode ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
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	Substitute	for form 144	9A/PTO			Complete if Known			
		D144T1	ON DI	201 00110	Application Number	10/027,421			
	INFORMATION DISCLOSURE		rning Date	DECEMBER 20, 2001					
	STATEMENT BY APPLICANT				First Named Inventor	VLADIMIR GRUSHIN ET AL.			
					Group Art Unit	2815			
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abla	Sheet	2	of	2	Attorney Docket Number	10/027,421			

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. DJUROVICH, PETER I. ET AL., Ir(III) Cyclometalated Complexes As Efficient Phosphorescent Emitters in Potymer Blend and Organic LEDs, Polymer Preprints, 2000, 770-771, 41(1) CHATANI, NAOTO ET AL., Ru3(CO)12-Catalyzed Reaction of Pyridylbenzenes with Carbon Monoxide and Olefins. Carbonylation at a C-H Bond in the Benzene Ring, J. Org. Chem., 1997, 2604-2610, 62, American Chemical Society GOSMINI, CORINNE ET AL., Electrosynthesis of functionalized 2-arylpyridines from functionalized aryl and pyridine halides catalyzed by nickel bromide 2,2'-bipyridine complex, Tetrahedron Letters, 2000, 5039-5042, 41, Elsevier Science Ltd. CACCHI, SANDRO ET AL., The Palladium-Catalyzed Transfer Hydrogenation/Heterocyclization of B-(2-Aminophenyl-a,B-ynones. An Approach to 2-Aryl- and 2-Vinylquinolines, Synlett, 1999, 401-404, No. 4, Thieme Stuttgart, New York BALDO, M. A. ET AL., Very high-efficiency green organic light-emitting devices based on electrophosphorescence, Applied Physics Letters, July 5, 1999, 4-6, 75(1) American Institute of Physics BALDO, M. A. ET AL., High-efficiency fluorescent organic light-emitting devices using a phosphorescent sensitizer, Nature, February 17, 2000, 750-753, 403, Macmillan Magazines Ltd. WANG, YUE ET AL., (Hydroxyphenyl)pyridine derivative, its metal complexes and application as electroluminescence material, Chemical Abstracts Service, March 1, 2000, Database No. 133:315395 DEDEIAN K. ET AL., A New Synthetic Route to the Preparation of a Series of Strong Photoreducing Agents: fac Tris-Ortho-Matalated Complexes of Iridium(III) with Substituted 2-Phenylpyridines, Inorg. Chem., 1991, 1685-

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Sheet of 2

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Application Number	10/027,421	
Filing Date	DECEMBER 20, 2001	
First Named Inventor	VLADIMIR GRUSHIN ET AL.	
Group Art Unit	2815	
Examiner Name	UNKNOWN	
Attorney Docket Number	PE0649 US CIP	

				U.S. PATENT DOCUM	MENTS		
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EL		5,552,678	l	TANG ET AL.	09/03/96		
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WO 00/70655 A2 Princeton Univ. 11/23/00								
DYPLICATE WO 96/03410 A1 Boehringer 02/08/96								
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Date Examiner 2005 Considered

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¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Oocuments, 2 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark hee if English language Translation is attached.

Examiner

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Substitute for form 1449A/PTO				Complete if Known			
INICO	D		01 001105	Application Number	10/027,421		
STATEMENT BY APPLICANT				Filing Date	DECEMBER 20, 2001	Т	
			PPLICANT	First Named Inventor	VLADIMIR GRUSHIN ET AL.	_	
				Group Art Unit	2815		
(use as many sheets as necessary)				Examiner Name	UNKNOWN		
Sheet	.5	of	3	Allorney Docket Number	PE0649 US CIP	_	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
	Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2		
DUPLICATE -			BALDO, M.A. et al., High-efficiency fluorescent organic light-emitting devices using a phosphorescent sensitizer, Nature, February 17, 2000, 756-753, Vol. 403			
DWPLICATE			DJUROVICH, PETER I. et al., Ir(III) Cyclometalated Complexes as Efficient Phosphorescent Emitters in Polymer Blend and Organic LEDs, Polymer Reprints, 2000, 770-771, 41(1)			
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	EK		BALDO, M.A. et al., Highly efficient phosphorescent emission from organic electroluminescent devices, Nature, September 10, 1998, 151-154, Vol 395			
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